EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/825282	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/10 14:01
S2	13	Bellgrau Donald	US-PGPUB; USPAT; EPO; JPO; DERWENT	NEAR	ON	2007/04/10 13:59
S3	27	Bellgrau Donald OR Duke Richard OR Schaack Jerome	US-PGPUB; USPAT; EPO; JPO; DERWENT	NEAR	ON	2007/04/10 14:51
S4	5	S3 and (apoptosis CrmA FasL Fas ADJ ligand).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/10 15:40
S5	4287	(apoptosis CrmA FasL Fas ADJ ligand).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/10 14:05
S6	1542	S5 and (crmA FasL OR Fas)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/04/10 14:06
S7	332	S5 and (crmA FasL OR Fas).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/04/10 14:11
S8	511	vector and (crmA FasL OR Fas).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/04/10 14:12
S9	168	vector and (crmA FasL OR Fas).clm.	USPAT; EPO	SAME	ON	2007/04/10 14:12
S10	17	Duke Richard	US-PGPUB; USPAT; EPO; JPO; DERWENT	NEAR	ON	2007/04/10 14:51
S11	49	Hamada Hirofumi	US-PGPUB; USPAT; EPO; JPO; DERWENT	NEAR	ON	2007/04/10 15:52
S12	7	S11 and (apoptosis CrmA FasL Fas ADJ ligand)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/10 15:53
S13	7	S11 and (apoptosis CrmA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/10 15:53

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     (FILE 'HOME' ENTERED AT 15:28:02 ON 10 APR 2007)

     FILE 'MEDLINE, SCISEARCH, CAPLUS, BIOSIS' ENTERED AT 15:28:15 ON 10 APR
     2007
L1            54 S APOPTOSIS (L) CRMA (L) FASL
L2            21 DUP REM L1 (33 DUPLICATES REMOVED)
L3             6 S L2 AND PY<=1999
L4           445 S APOPTOSIS (L) CRMA (L) FAS?
L5           263 S L4 AND PY<=1999
L6            88 DUP REM L5 (175 DUPLICATES REMOVED)
L7            20 S L6 AND (FASL OR FAS(3W)LIGAND)
L8            20 FOCUS L7 1-
L9             7 S L8 AND ADENO?
                E DUKE RICHARD?/AU
                E BELLGRAU DONALD?/AU
L10           69 S E2
L11            0 S L10 AND L1

=> d ti so au ab pi l9 7 4 3

L9   ANSWER 7 OF 7  CAPLUS  COPYRIGHT 2007 ACS on STN
TI   Viral vector system capable of expressing an apoptosis-associated gene
SO   PCT Int. Appl., 51 pp.
     CODEN: PIXXD2
IN   Hamada, Hirofumi
AB   An apoptosis-resistant virus-sensitive cell line based upon cell
     line 293 is disclosed.  To such cells, apoptosis resistance
     genes such as crmA, bcl-2, bcl-x1, FLIP, survivin, IAP, or ILP
     have been introduced.  The generation of adenovirus vectors
     capable of expressing apoptosis-associated genes such as
     FAS, FLICE, bcl-xs, and Bax is achieved using said cell line.  The
     recombinant viruses of the invention may be useful for gene therapy for
     cancer, autoimmune diseases, graft rejection, and inflammatory diseases.
     PATENT NO.          KIND   DATE        APPLICATION NO.          DATE
     --------------      ----   --------    --------------------     --------
PI   WO 9913073           A2    19990318    WO 1998-JP4010           19980907 <--
     WO 9913073           A3    19990610
         W:  AU, CA, KR, NZ, US
         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE
     JP 11075859          A     19990323    JP 1997-259235           19970908 <--
     AU 9889991           A     19990329    AU 1998-89991            19980907 <--

L9   ANSWER 4 OF 7     MEDLINE on STN
TI   Construction, propagation, and titer estimation of recombinant
     adenoviruses carrying proapoptotic genes.
SO   Human gene therapy, (1998 Dec 10) Vol. 9, No. 18, pp. 2683-9.
     Journal code: 9008950. ISSN: 1043-0342.
AU   Shinoura N; Ohashi M; Yoshida Y; Asai A; Kirino T; Saito I; Hamada H
AB   Generation of a recombinant adenovirus (Adv) that induces the
     constitutive expression of an apoptotic gene has been extremely difficult
     owing to severe apoptotic damage to the host cell.  In this study, 293
     cells were transduced with the caspase-inhibiting CrmA gene
     (293-CrmA cells), and used as host cells to generate Adv
     carrying apoptosis-inducing genes (proapoptotic genes).  The
     293-CrmA cells proved to be highly efficient for the
     construction of recombinant Adv carrying genes encoding Fas and
     Fas ligand.  Moreover, the 293-CrmA line
     produced an ample quantity of these recombinant viruses.  Because the
     conventional 293 plaque formation assay did not reflect the actual number
     of cells infected with the Adv carrying the proapoptotic gene, a
     determination of the Adv DNA copy number introduced into target cells was
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necessary to evaluate the quantity of infective virus. The techniques described here should be widely applicable for the construction of a recombinant Adv, in ample quantity, and for the estimation of the quantity of recombinant Adv produced.

L9 ANSWER 3 OF 7 MEDLINE on STN
TI **Adenovirus**-mediated expression of **Fas ligand** induces apoptosis of human prostate cancer cells.
SO Cell death and differentiation, **(1999 Feb)** Vol. 6, No. 2, pp. 175-82.
Journal code: 9437445. ISSN: 1350-9047.
AU Hedlund T E; Meech S J; Srikanth S; Kraft A S; Miller G J; Schaack J B; Duke R C
AB Several laboratories have reported on the apoptotic potentials of human prostate cancer (PC) cell lines in response to crosslinking of **Fas** (CD95/APO-1) with agonistic anti-**Fas** antibodies. We have re-evaluated the apoptotic potentials of seven human PC cell lines using the natural **Fas ligand** (**FasL**) in place of agonistic antibody. First, PC cell lines were tested in a standard cytotoxicity assay with a transfected cell line that stably expresses human **FasL**. Next, we developed an **adenoviral** expression system employing 293 cells that stably express **crmA**, a poxvirus inhibitor of **apoptosis**, to analyze the effects of **FasL** when expressed internally by the PC cell lines. Our data suggest that the apoptotic potentials of these cell lines were greatly underestimated in previous studies utilizing agonistic anti-**Fas** antibodies. Lastly, **adenoviral**-mediated expression of **FasL** prevented growth and induced regression of two human PC cell lines in immunodeficient mice. These preliminary in vivo results suggest a potential use for **adenovirus** encoding **FasL** as a gene therapy for PC.

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SEQ Search # 10825282 66349

STIC-Biotech/ChemLib

From: Priebe, Scott
Sent: Thursday, May 09, 2002 12:33 PM
To: STIC-Biotech/ChemLib
Cc: Kaushal, Sumesh
Subject: FW: 09/456357: SEQUENCE SEARCH >> PLEASE RUSH <<

Importance: High

[redacted] below.

-----Original Message-----
From: **Kaushal, Sumesh**
Sent: Thursday, May 09, 2002 11:07 AM
To: Priebe, Scott
Subject: 09/456357: SEQUENCE SEARCH >> PLEASE RUSH <<

Scott:
[redacted]
Thanks-sk

09/456357: SEQUENCE SEARCH

Title: VIRAL VECTORS ENCODING APOPTOSIS-INDUCING PROTEINS AND METHODS FOR MAKING AND USING THE SAME
Inventor: BELLGRAU, DONALD

Please search

SEQ ID NO: 5, 7 and 37 DNA
SEQ ID NO: 6, 8 and 38 A.Acid against DNA databases.

SEQ ID NO:4 (31183bp long) in Five segments 500 bp each as listed below:
1-500
10000-10500
15000-15500
20000-20500
26183-31183

thanks

S. Kaushal
CM1 12A07 AU1636
Ph: 703-305-6838
Mail Box: 11E12

>> PLEASE RUSH <<

Point of Contact:
Toby Port
Technical Info. Specialist
CM1 6A04
703-308-3534

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	TYPE OF SEARCH:	VENDOR/COST(where applic.)
Searcher: _____	NA Sequences: _____	STN: _____
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Date Picked Up: 5/9	Bibliographic: _____	DRLink: _____
Date Completed: 5/10	Litigation: _____	Lexis/Nexis: _____
Searcher Prep/Review: _____	Full text: _____	Sequence Sys.: _____
Clerical: _____	Patent Family: _____	WWW/Internet: _____
Online time: _____	Other: _____	Other (specify): _____